

Programme of the 20th ECS Conference

Saturday, 1st April

Workshop: Age determination of marine mammals

Sunday, 2nd April

Workshops:

- 1 Climate Change and Cetaceans in Coastal Ecosystem: Past, Present and Future
- 2 Necropsy protocol
- 3 Static acoustic monitoring of odontocetes: current issues and developments
- 4 Electrophysiological Measures of Hearing in Marine Mammals
- 5 Europhlukes

20:00 Icebreaker - Restaurant "Captain Cook"
Skwer Kościuszki str., Gdynia

Monday 3rd April

8:30-8:40	Introductory words and practical information
<i>Session 1. Critical Habitats - (I)</i>	
8:40-9:00	<u>Praca, E.</u> , Gannier, A. & Das, K. SUMMER HABITAT SUITABILITY OF THREE TEUTHOPHAGOUS ODONTOCETES IN THE NORTH WESTERN MEDITERRANEAN SEA
9:00-9:20	Simon, M., Reyes Zamudio, M. M., <u>Nuuttila, H.</u> & Evans, P. G. TEMPORAL AND SPATIAL HABITAT PARTITIONING BETWEEN HARBOUR PORPOISES AND BOTTLENOSE DOLPHINS
9:20-9:40	<u>Laran, S.</u> & Gannier, A. SPATIOTEMPORAL PREDICTION OF FIN WHALE DISTRIBUTION IN THE LIGURIAN SEA (NW MEDITERRANEAN SEA)
9:40-10:00	<u>Bannon, S.M.</u> , MacLeod, C.D. & Pierce, G.J. SPATIO-TEMPORAL VARIATIONS IN HABITAT PREFERENCES OF HARBOUR PORPOISES IN THE WATERS NORTHWEST OF SCOTLAND.

10:00-10:30 Coffee/tea break

10:30-11:00 Official opening

<i>Session 2. Critical Habitats - (II)</i>	
11:00-11:40	Invited speaker
11:40-12:00	<u>Bjørge, A.</u> & Graner, F. AN UNEXPECTED EFFECT OF GLOBAL WARMING: INCREASED RISK OF HARBOUR PORPOISE ICE ENTRAPMENT
12:00-12:20	<u>Vincent, C.</u> , Gérondeau, M., Barbraud, C., McConnell, B.J., Fedak, M.A. & Ridoux, V. SEASONAL HAULOUT PATTERNS OF THE SOUTHERN MOST COLONY OF EUROPEAN GREY SEALS: COMBINING INDIVIDUAL AND POPULATION-BASED STUDIES
12:20-12:40	<u>Fury, C.A.</u> , Ross, G. & Harrison, P. FLOOD EVENTS AND THERE IMPACT ON BOTTLENOSE DOLPHINS (TURSIOPS ADUNCUS) HABITAT USE IN TWO ESTUARIES IN AUSTRALIA
12:40-12:50	Presentation of poster slides on related topic

12:50-14:20 Lunch break

<i>Session 3. Conservation and management - Acoustic disturbance/Ship collisions</i>	
14:20-14:40	<u>Thomsen, F.</u> , Betke, K., Schultz-von Glahn, M. & Piper, W. NOISE DURING OFFSHORE WIND TURBINE CONSTRUCTION AND IT'S EFFECTS ON HARBOUR PORPOISES (PHOCOENA PHOCOENA)
14:40-15:00	<u>Ashe, E.</u> & Williams R. KILLER WHALE RESPONSES TO BOATS VARIES WITH BOAT NUMBER: IMPLICATIONS FOR EXPERIMENTAL DESIGN OF VESSEL IMPACT ASSESMENT
15:00-15:20	<u>Firestone, J.</u> , Corbett, J.J., Taggart, C.T., Wang, C.F., Lyons, S.B. & Vanderlaan, A.S.M. SHIP COLLISIONS WITH NORTH ATLANTIC RIGHT WHALES: MODELLING ENCOUNTER PROBABILITIES FOR CONSERVATION MANAGEMENT
15:20-15:40	Corbett, J.J., Firestone, J., Taggart, C.T., Wang, C.F., Vanderlaan, A.S.M. & <u>Lyons, S.B.</u> APPLICATION OF SHIP SPEED AND MASS CHARACTERISTICS TO DESCRIBE POTENTIAL SEVERITY OF RISK-BASED SHIP COLLISIONS WITH WHALES

15:40-16:10 Coffee/tea break

<i>Session 4. Conservation and management - acoustic monitoring/surveys</i>	
16:10-16:30	<u>Rogan, E.</u> & Philpott, E. PASSIVE ACOUSTIC MONITORING: A TOOL TO INVESTIGATE THE RESPONSE OF BOTTLENOSE DOLPHINS TO PINGERS
16:30-16:50	<u>Swift, R. J.</u> , Gillespie, D. M., Caillat, M., Macleod, K. & Hammond, P. S. PASSIVE ACOUSTIC MONITORING AS A TOOL FOR MONITORING HARBOUR PORPOISE POPULATIONS: PRELIMINARY RESULTS FROM THE SCANS II SURVEYS
16:50-17:10	Reyes Zamudio, M., Simon, M., Evans, P. & Goold, J. T-POD DETECTION AND ACOUSTIC BEHAVIOUR OF BOTTLENOSE DOLPHINS IN CARDIGAN BAY SAC: A COMPARISON BETWEEN VISUAL AND T-POD SURVEYS.
17:10-17:20	Presentation of poster slides on related topics

17:30-19:30 Poster session

Tuesday 4th April

<i>Session 5. Conservation and management - habitats</i>	
8:30-8:50	<u>Sveegaard, S.</u> , Joergensen, P.B., Bech, N.I., Teilmann, J. & Rye, J.H. SELECTING SPECIAL AREAS OF CONSERVATION FOR HARBOUR PORPOISES (<i>Phocoena phocoena</i>) IN DENMARK
8:50-9:10	<u>Panigada, S.</u> , Zanardelli, M., MacKenzie, M., Donovan, C., Mélin, F. & Hammond, P.S. MODELLING HABITAT PREFERENCES FOR FIN WHALES AND STRIPED DOLPHINS IN THE PELAGOS SANCTUARY (WESTERN MEDITERRANEAN SEA)
9:10-9:30	<u>Murphy, S.</u> , Northridge, S. P., Jepson, P. D., Deaville, R. & Reid, R. J. ARE COMMON DOLPHINS IN THE NORTH-EAST ATLANTIC CLOSE TO THEIR CARRYING CAPACITY?
9:30-9:50	<u>Cañadas, A.</u> & Hammond, P.S. TOWARDS CONSERVATION OF THE SHORT-BEAKED COMMON DOLPHIN (<i>Delphinus delphis</i>) OFF THE SOUTHERN COAST OF SPAIN
9:50-10:00	Presentation of poster slides on related topics (<i>Session 5 & 6</i>)

10:00-10:30 Coffee/tea break

<i>Session 6. Conservation and management - populations</i>	
10:30-11:10	Invited Speaker Christina Lockyer ALL CREATURES GREAT AND SMALLER: A STUDY IN CETACEAN LIFE HISTORY ENERGETICS
11:10-11:30	<u>Lahaye, V.</u> , Bustamante, P., Dabin W., Das, K., Holsbeek, L., Law, R.J., Rogan, E., Pierce, G.J. & Caurant, F. COASTAL POPULATIONS OF SMALL CETACEANS ARE LESS EXPOSED TO TOXIC METALS THAN OCEANIC ONES IN EUROPEAN WATERS
11:30-11:50	<u>Fortuna, C.M.</u> , Mackelworth, P.C., Wiemann, A. & Hammond, P.S. SURVIVAL ESTIMATES OF BOTTLENOSE DOLPHINS (<i>TURSIOPS TRUNCATUS</i>) IN KVARNERIC (CROATIA)
11:50-12:10	<u>Jauniaux, T.</u> , Brenez, C., Das, K., Haelters, J. & Coignoul, F. BY-CAUGHT CETACEANS STRANDED ALONG THE BELGIAN AND NORTHERN FRANCE COASTLINE: ARE THEY A GOOD CONTROL POPULATION?
12:10-12:30	Workshop report 1

12:30-14:00 Lunch break

<i>Session 7. Conservation and management - Fishery regulations</i>	
14:00-14:20	<u>Stenback, J.</u> , Amundin, M., Poulsen, L. R., Desportes, G., Larsen, F., Petersen, N. K., Bjørge, A., Bylund, K., Eskesen, I., Eriksen, N., Ingversen, S., Jepsen, T. B., Kindt-Larsen, L. & Vanman, C. COMPARISON OF THE REACTION OF WILD HARBOUR PORPOISES EXPOSED TO AN ARRAY OF INTERACTIVE PINGERS AND AQUAMARK 100's
14:20-14:40	<u>Brotos, J.M.</u> , Munilla, Z., Grau, A.M. & Rendell, L.E. ARE PINGERS EFFECTIVE AT REDUCING INTERACTIONS BETWEEN BOTTLENOSE DOLPHINS AND ARTISANAL FISHERIES AROUND THE BALEARIC ISLANDS?
14:40-15:00	<u>Leeney, R.H.</u> , Berrow, S. , McGrath, D. & Cosgrove, R. EVALUATING THE EFFECTS OF PELAGIC TRAWL PINGERS ON THE BEHAVIOUR OF BOTTLENOSE DOLPHINS TURSIOPS TRUNCATUS
15:00-15:20	<u>Kuklik, I.</u> & Skóra, K.E. IMPACT OF FISHERIES LEGISLATION ON THE RESEARCH OF HARBOUR PORPOISE BYCATCH IN POLAND AS DEMONSTRATED BY EC BYCATCH REGULATION
15:20-15:30	Presentation of poster slides on related topics

15:30-16:00 Coffee/tea break

<i>Session 8. Acoustics - vocal behaviour</i>	
16:00-16:20	<u>Blackwell, S.B.</u> , Greene, C.R. Jr. & Richardson, W.J. BOWHEAD WHALE (BALAENA MYSTICETUS) MIGRATION AND CALLING BEHAVIOUR IN THE ALASKAN BEAUFORT SEA IN AUTUMN 2001-2004 SHOWN BY PASSIVE ACOUSTIC LOCALIZATION.
16:20-16:40	<u>Shapiro, A.D.</u> , Tyack, P.L. & Solow, A.R. ANALYSIS OF SPERM WHALE ORIENTATION RESPONSE TO CONTROLLED EXPOSURE OF SONAR.
16:40-17:00	<u>Filatova, O.A.</u> , Burdin, A.M. & Hoyt, E. VOCAL DIALECTS AND POPULATION STRUCTURE IN KILLER WHALES OF EASTERN KAMCHATKA.
17:00-17:20	<u>Ludwig, S.</u> , Corsten, A. & Knoll, M. ACOUSTIC DETECTION OF MARINE MAMMALS WITH DIFFERENT SONAR SYSTEMS.
17:20-17:30	Presentation of poster slides on related topics

17:30-19:30 Poster session 2

20:00-22:00 Video night
Silver Screen, Skwer Kościuszki Str.

Wednesday 5th April

<i>Session 9. Stock ID/distribution</i>	
8:30-8:50	<u>Galatius, A.</u> & Kinze, C. C. DIFFERENCES IN TIMING OF SEXUAL MATURITY IN DANISH AND GREENLANDIC HARBOUR PORPOISES (PHOCOENA PHOCOENA): VARYING LEVELS OF PAEDOMORPHOSIS?
8:50-9:10	<u>Guerrero-Ruiz, M.</u> , Jaume-Schinkel, S., Auriol-Gamboa, D. & Urbán-R., J. STRANDINGS AND SIGHTINGS OF DWARF SPERM WHALES, KOGIA SIMA, IN BAJA CALIFORNIA SUR, MEXICO
9:10-9:30	<u>Särnblad, A.</u> , Danbolt, M., Dalén, L., Berggren, P. & Amir, O. POPULATION STRUCTURE AND PHYLOGENETIC PLACEMENT OF INDO-PACIFIC BOTTLENOSE DOLPHINS (TURSIOPS ADUNCUS) OFF ZANZIBAR, TANZANIA
9:30-9:50	<u>Barrett-Lennard, L. G.</u> & Matkin, C. O. THE ROLE OF CULTURAL INNOVATION IN THE EVOLUTIONARY RADIATION OF CETACEANS
9:50-10:00	Presentation of poster slides on related topics (<i>Session 9 & 10</i>)

10:00-10:30 Coffee/tea break

<i>Session 10. Feeding</i>	
10:30-11:10	Invited speaker Alex Aquilar: MANAGING PRE-EXTINCTION: THE CASE OF THE MEDITERRANEAN MONK SEAL
11:10-11:30	<u>Santos, M.B.</u> , Pierce, G.J., Ieno, E.N., Addink, M., Smeenk, C., Kinze, C.C., Iverson, M. & Lockyer, C. TRENDS IN DIET OF HARBOUR PORPOISES (<i>Phocoena phocoena</i>) IN THE EASTERN NORTH SEA
11:30-11:50	<u>Meissner, A.M.</u> & Ridoux, V. FEEDING STRATEGY OF STRIPED DOLPHINS IN A NEAR SHORE AREA
11:50-12:10	<u>Teloni V.</u> , Jonhson, M.P., Madsen P.T. & Miller P.J.O. FORAGING BEHAVIOR OF MALE SPERM WHALES OFF NORTHERN NORWAY
12:10-12:30	<u>Jaume-Schinkel, M.S.</u> , Gendron D., Urbán, J. & Aguiñiga S. DIFFERENCE BETWEEN THE FEEDING HABITS OF FIN WHALE AND BRYDE'S WHALE IN THE GULF OF CALIFORNIA USING STABLE NITROGEN AND CARBON ISOTOPES
12:30-12:50	<u>Walton, M.J.</u> & Pomeroy, P.P. TRANSFER OF FATTY ACIDS FROM MOTHER TO PUP IN GREY SEALS (<i>Halichoerus grypus</i>)
12:50-13:00	Presentation of poster slides on related topics

13:00-14:30 Lunch break

13:00-13:40 Annual Student Meeting in the auditorium

<i>Session 11. New Technics (I)</i>	
14:30-14:50	<u>André, M.</u> , Coatanhay, A., Gervaise, C., Gracia, J., Delory, E. & van der Schaar, M. ACOUSTIC RELEASE OF GAS BUBBLES TO PREVENT CETACEAN ENTANGLEMENT IN FISHING NETS
14:50-15:10	<u>Rendell, L.E.</u> , Schulz, T. & Whitehead, H. A DYNAMIC HYDROPHONE ARRAY FOR STUDYING UNDERWATER VOCAL BEHAVIOUR
15:10-15:30	<u>Lonergan, M.</u> & McConnell B. A SIMPLE METHOD TO EXTRACT ANIMAL'S PATHS FROM NOISY DATA (DEMONSTRATED ON GREY SEALS).
15:30-15:40	Presentation of poster slides on related topics

15:40-16:10 Coffee/tea break

<i>Session 12. New Technics (II)</i>	
16:10-16:30	<u>Vanman, C.</u> , Bogomolni, A., Moore, M.J. & Touhey, K. WHO, WHERE, WHEN AND HOW - THE SPATIO-TEMPORAL DISTRIBUTION AND OCEANOGRAPHIC CORRELATIONS OF STRANDINGS IN A HOTSPOT REGION.
16:30-16:50	<u>Rubio-Cisneros, N.T.</u> , Morin, P.A., Mesnick, S.L., Gendron, D., Nestler, A., Robertson, K.M. & Jaquet, N. DEVELOPMENT OF THE ZFX / ZFY 5'-EXONUCLEASE ASSAY, A NEW TOOL FOR SEX DETERMINATION IN CETACEANS AND ITS APPLICATION TO SPERM WHALES IN THE GULF OF CALIFORNIA.
16:50-17:10	<u>Rokicki L.</u> , Kijewska, A., Kuklik, I. & Świątecka A. PCR METHOD FOR IDENTIFICATION OF NEMATODES FROM SUPERFAMILY ASCARIDOIDEA

**18:00 - 19:00 Unveiling of the statue of the harbour porpoise on the occasion of the 80th Anniversary of the City of Gdynia and the 20th Conference of the ECS
Skwer Kościuszki Str.**

**20:00 - 0:00 20th Conference of the ECS - anniversary reception
Restaurant "CoCo" - Silver Screen**

Thursday 6th April

Session 14. Surveys/Abundance (I)	
9:00-9:20	<u>Macleod, K.</u> , Scheidat, M. & Hammond, P. TAKING STOCK OF EUROPEAN CETACEANS: THE SCANS-II SURVEYS
9:20-9:40	<u>Gomez de Segura, A.</u> , Hammond, P.S., Cañadas, A. & Raga, J.A. VALIDATING THE USE OF SPATIAL MODELS TO ESTIMATE CETACEAN ABUNDANCE
9:40-10:00	<u>Karlsson, O.</u> & Helander, B. COUNTING THE INVISIBLE. A COMPARISON BETWEEN ESTIMATES OF THE SIZE OF THE BALTIC GREY SEAL POPULATION DERIVED FROM TRADITIONAL COUNTS DURING MOULT AND PHOTO-IDENTIFICATION USING MARK RECAPTURE TECHNIQUE.
10:00-10:10	Presentation of poster slides on related topics

10:10-10:40 Coffee/tea break

Session 15. Surveys/Abundance (II)	
10:40-11:20	Invited speaker: Giuseppe Notarbartolo di Sciara
11:20-11:40	<u>Piper, W.</u> , Laczny, M. & Thomsen, F. ABUNDANCE AND DISTRIBUTION OF HARBOUR PORPOISES (<i>Phocoena phocoena</i>) IN THE CENTRAL GERMAN BIGHT DURING 2002-2004
11:40-12:00	<u>Abt, K.</u> & Siebert, U. HARBOUR PORPOISES IN THE NORTH SEA: PEAK STRANDING NUMBERS IN THE SOUTH IN YEARS OF FOOD SHORTAGE IN THE NORTH – EVIDENCE OF OCCASIONAL MASS MIGRATION?
12:00-12:20	<u>Verborgh, P.</u> , De Stephanis, R., Pérez, S., Sanchez, A. & Guinet, C. POPULATION ESTIMATION AND SURVIVAL RATE OF LONG-FINNED PILOT WHALES (<i>Globicephala melas</i>) IN THE STRAIT OF GIBRALTAR AND INTERACTIONS WITH THE MARITIME TRAFFIC

12:20 – 13:50 Lunch break

Session 16. Medicine/Diseases	
13:50-14:10	<u>Deville, R.</u> , Patterson, T., Baker, J., Ross, H., Simpson, V., Monies, B., Reid, B., Penrose, R., Sabin, R., Muir, A., Perkins, M., Turk, S., Cunningham, A. & Jepson, P. TRENDS IN CAUSES OF MORTALITY IN HARBOUR PORPOISES (<i>PHOCOENA PHOCOENA</i>) STRANDED IN UK WATERS (1990-2004).
14:10-14:30	Siebert, U., Wohlsein, P., Fonfara, S., <u>Lehnert, K.</u> , Müller, G., Hasselmeier, I. & Baumgärtner, W. ASSESSMENT OF HEALTH STATUS OF HARBOUR SEALS (<i>Phoca vitulina</i>) FROM GERMAN WATERS AROUND TWO PHOCINE DISTEMPER VIRUS MASS MORTALITIES
14:30-14:50	<u>Raverty, S.</u> , Gaydos, J. & Hanson, M.B. EPIDEMIOLOGIC AND PATHOLOGIC FINDINGS OF KILLER WHALES (<i>Orcinus orca</i>) STRANDED 1944-2003
14:50-15:00	Workshops report - 2

15:00-15:30 Coffee/tea break

Session 17. Medicine/Diseases	
15:30-15:50	<u>Castinel, A.</u> , Duignan, P.J., Donald, J., Pomroy, W.E., Lopez-Villalobos, N., Chilvers, B.L. & Wilkinson, I.S. PATHOGENIC ROLE OF THE HOOKWORM UNICINARIA SPP IN NEW ZEALAND SEA LION (<i>Phocarctos hookeri</i>) PUPS: EFFECT ON GROWTH AND BLOOD PARAMETERS
15:50-16:10	<u>Stockin, K.A.</u> , Law, R.J., Duignan, P.J., Meynier, L., Thompson, E. & Orams, M.B. TRACE ELEMENTS, PCBS AND ORGANOCHLORINE PESTICIDES IN TISSUES OF COMMON DOLPHINS (<i>Delphinus sp.</i>) STRANDED IN THE HAURAKI GULF, NEW ZEALAND.
16:10-16:30	<u>Duignan, P.L.</u> , Geschke, K., Stone, G., Teilmann, J., Hutt, A., Suisted, R., Russell, K., Jones, G.W., Cockrem, J. & Yoshinaga, A. MONITORING HEALTH AND STRESS INDICES IN HECTOR'S DOLPHINS CAPTURED FOR SATELLITE TELEMETRY IN NEW ZEALAND

- 16:45-18:30 Annual General Meeting**
- 20:00-23:00 Banquet in "Pan Tadeusz"**
(20:00 - take off, 20:30 - banquet)
- 23:00-04:00 Dancing in "Pan Tadeusz"**

Friday, 7th April

Student Workshop